Van de Ven, T.G.M. 105

Author Index

Fendler, J.H. 309, 317, 327

Abe, I. 141 Ghoneimy, H.F. 91 Mikhail, E.M. 91 Abráham, I. 277 Giordano, F. 293 Misak, N.Z. 91 Acevedo, S. 65 Grases, F. 115 Morrison, I.D. 1 Gutiérrez, L.B. 65 Agrawal, A. 73 Gutiérrez, X. 65 Alince, B. 105 Nagarajan, R. 39 Nagy, L.G. 241, 287 Hallouis, M. 123 Németh, S. 327 Homola, A.M. 155 Beneke, K. 219 Nguyen, H.V. 155 Bergenståhl, B. 187 Horne, D.S. 197 Nishimori, H. 141 Binks, B.P. 167 Horváth, B. 277 Noskov, B.A. 99 Hórvölgyi, Z. 327 Hunt, J.A. 197 Claesson, P.M. 187 Pal, R. 173 Ishikawa, T. 141 Patzkó, A. 299 Puig, J.E. 83 Deér, I. 269 Kandori, K. 141 Putyera, K. 317 Dékány, I. 219, 241, 269, 287, Kaneshina, S. 135 299, 317 Király, Z. 287 Denoyel, R. 293 Korteweg, A.J. 255 Rawat, J.P. 73 Derks, W.P.T. 147 Kotov, N.A. 317 Rivas, H. 65 Dickinson, E. 197 Rouquerol, J. 293 Döring, J. 219 Lagaly, G. 219 Lannutti, J.J. 155 De Keizer, A. 255 Satake, H. 135 Lyklema, J. 255 De Laat, A.W.M. 147 Schulz, P.C. 83 Shafik, S.S. 91 Machula, G. 241 Mansot, J.L. 123 Escobar, G. 65 March, J.G. 115 Martin, J.M. 123 Everett, D.H. 205 Tombácz, E. 269, 277, 317 Tóth, J. 233 Matsuki, H. 135 Mehrian, T. 255 Fäldt, P. 187

Melero, G. 115

Subject Index

Adsorption, 65, 99, 141, 205, 219, 233, 241, 287, 293, 299
Air-water interface, 99
Alcohols, 219
n-Alkylpyridinium chloride, 255
Anions, 91
Asphaltenes, 65
Attraction potential, 241

Barium titanate, 147

Cadmium sulfide, 317 Calcium induced aggregation, 197 Calcium tartrate, 115 Calorimetry, 255 Capillary wave method, 99 Cationic surfactants, 99, 299 Charge-to-mass ratio, 1 Chitosan, 187 Citrate, 141 Clay deposition, 105 Clay minerals, 299 Clay-fiber interaction, 105 Collision rate, 105 Colloid stability, 241 Competitive displacement, 197 Compression, 269, 277 Critical micelle concentration, 39, 167 Crude oil emulsions, 65 Crystal growth, 115 Crystalline silicas, 219 Crystalline silicic acids, 219

Decylpyridinium chloride, 255
Density, 155
Depletion flocculation, 147
Detergents, 123
Differential scanning calorimetry, 83, 135
Differential thermal analysis, 317
Dispersion, 65, 277
Dodecylpyridinium chloride, 255
Dynamic laser light scattering, 317

Electrical charges, 1 Electrolyte, 277 Electron energy loss spectroscopy, 123 Electrophoretic mobility, 1 Emulsifier, 173 Emulsion, 173, 197
Energy-filtered electron microscopy, 123
Extended X-ray absorption fine structure spectroscopy, 123

Ferric oxide gel, 91 γ-FeOOH, 141 Fluorocarbon, 155

General aspects, 233 Glycocholic acid, 187

Hamaker constants, 241 Hydridosiloxane, 155 Hydrocarbon, 155 Hydrophobie silica particles, 327

In-situ chemical modification, 155 Interfaces, 205, 309 Inverse micelles, 1 Ion exchange, 299

Kinetic study, 99 Kinetics, 115 Krafft point, 135

Lamellar particles, 277 Langmuir film balance, 327 Layers, 269 Liquid crystals, 83 Local anesthetic, 135

Micelle, 135
Micellization, 39, 255
Microemulsion, 167
Monolayer, 309
Montmorillonite complexes, 317

Non-ionic, 293 Nonaqueous dispersions, 1 Nonaqueous media, 1

Oil-water interface, 197 Overbased calcium sulfonate, 123

Particle growth, 309 Phospholipid, 187 Poly(ethylenimine) adsorption, 105 Poly(vinyl alcohol), 147 Porosity, 293 Protein, 197

Rheology, 65, 173

Sedimentation, 155
Selective electrode, 135
Silicas, 293
Silicates, 269
Sodium bis-2-ethylhexyl sulphosuccinate, 167
Solid structured monoparticle layer, 327
Solid/liquid interface, 287
Sorption, 91
Soybean oil emulsion, 187
Spectrophotometry, 317
Sphere-to-rod transition, 39
Steric stabilization, 147
Structure strength of the aggregates, 327

Supersaturated solutions, 115 Surface area, 233 Surface excess isotherms, 219 Surfactant, 173, 255, 293 Surfactant mesophases, 83 Surfactant phase behavior, 39 Surfactant solution theory, 39 Suspension rheology, 241

Tartrate, 141
Templates, 309
Tetradecylpyridinium chloride, 255
Thermodynamic formulation, 287
Thermodynamics, 205

Water, 83 Wetting, 241

X-Ray diffractometry, 317